



# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 57483

Application ID: 10698180



Title of Invention:

OPTIMAL SPREADER SYSTEM,  
DEVICE AND METHOD FOR FLUID  
COOLED MICRO-SCALED HEAT  
EXCHANGE

First Named Inventor: Girish Upadhyia

Domestic/Foreign Application: Domestic Application

Filing Date: 2003-10-30

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Submission Type: Information Disclosure  
Statement

Filing Type:

Confirmation number: 9903

Attorney Docket Number: NONE


Total Fees Authorized:

Digital Certificate Holder: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
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TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

Title of Invention	OPTIMAL SPREADER SYSTEM, DEVICE AND METHOD FOR FLUID COOLED MICRO-SCALED HEAT EXCHANGE									
Application Number: 10/698180 										
Date: 2003-10-30										
First Named Applicant: Girish Upadhya										
Confirmation Number: 9903										
Attorney Docket Number:										
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<table border="1"><tr><td>Submitted by:</td><td>Elec. Sign.</td><td>Sign. Capacity</td></tr><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney		
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Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>COOL00800D-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	COOL00800D-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	COOL00800D-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
Comments										

**ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention**OPTIMAL SPREADER SYSTEM, DEVICE AND METHOD  
FOR FLUID COOLED MICRO-SCALED HEAT EXCHANGE**

Application Number: 10/698180



Confirmation Number: 9903

First Named Applicant: Girish Upadhya

Attorney Docket Number:

Search string: ( 4540115 or 5308429 or 5421943 or 6129260  
or 6396706 or 20020134543 ).pn.**US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
/LC	1	4540115	1985-09-10	Hawrylo			
	2	5308429	1994-05-03	Bradley			
↓	3	5421943	1995-06-06	Tam et al.			
↓	4	6129260	2000-10-10	Andrus et al.			
/LC	5	6396706	2002-05-28	Wohlfarth	B1		

**US Published Applications**

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20020134543	2002-09-26	Estes et al.	A1		

**Signature**

Examiner Name	Date
/Ljiljana Ciric/ (11/26/2008)	11/26/2008